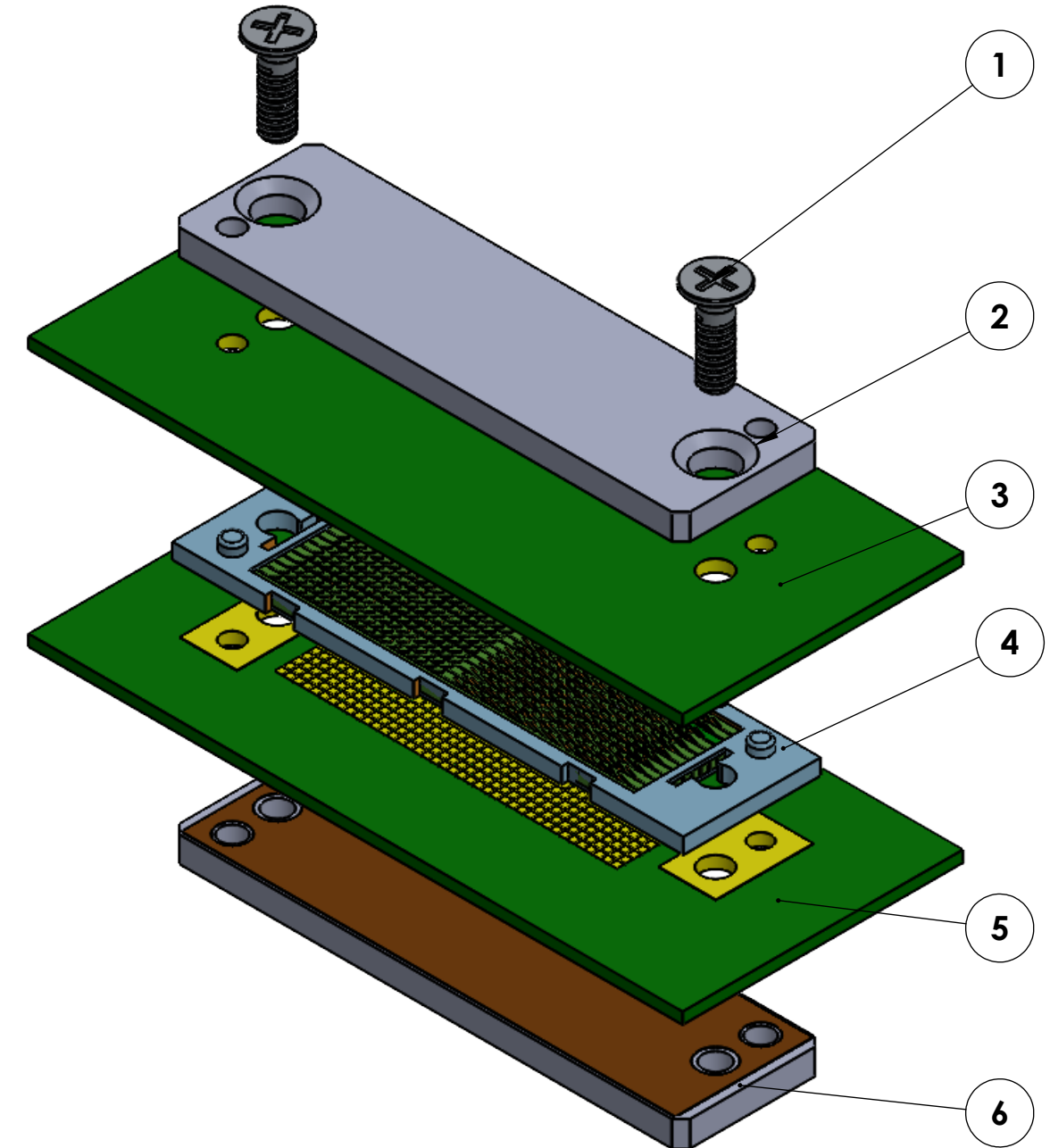
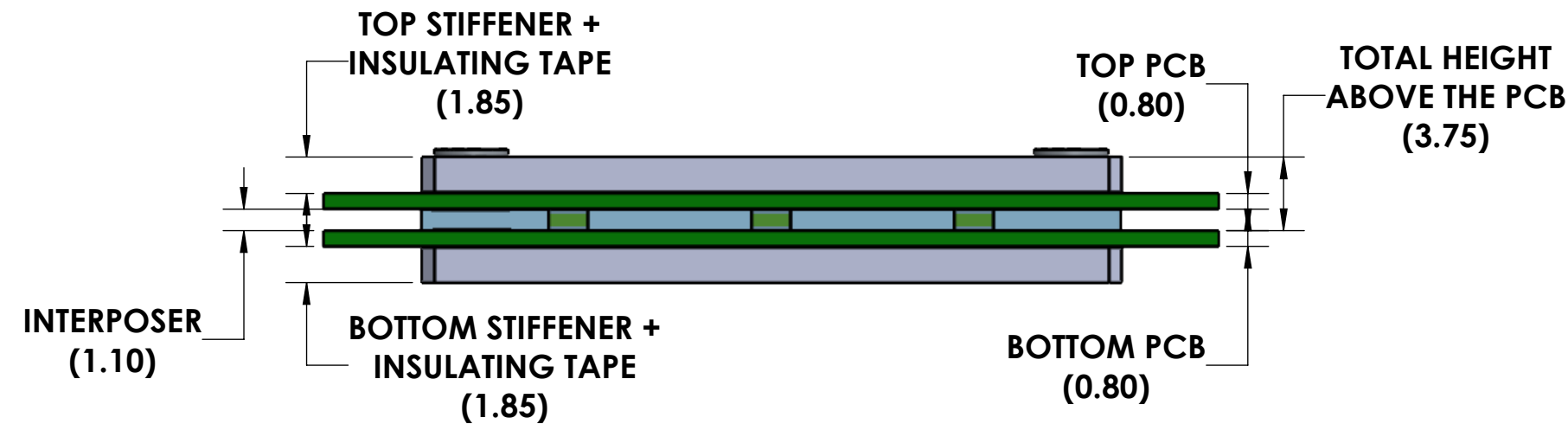
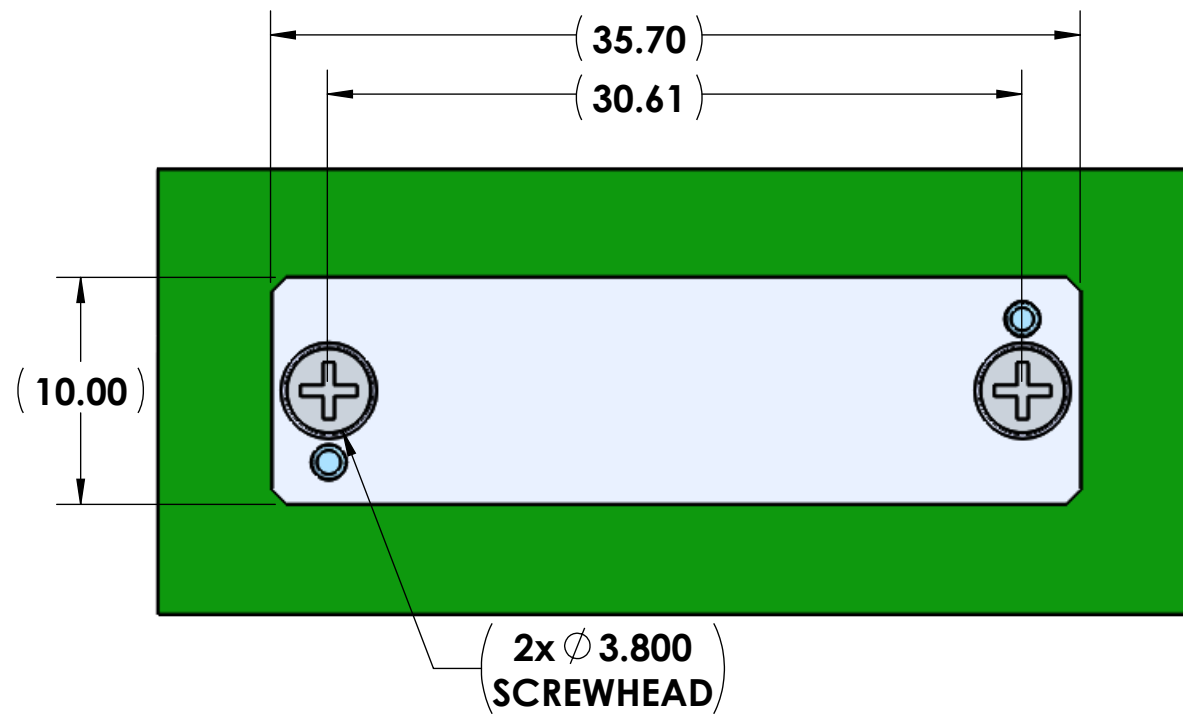


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REVISION				
REV	ECN	DESCRIPTION	DATE	DESIGN BY
1	0000	INITIAL RELEASE	10-24-2023	DH
2	0000	REVISE DIMS AND NOTES	11-20-2023	FRED/TAN
3	0000	UPDATE THE MODEL	04-08-2024	DH

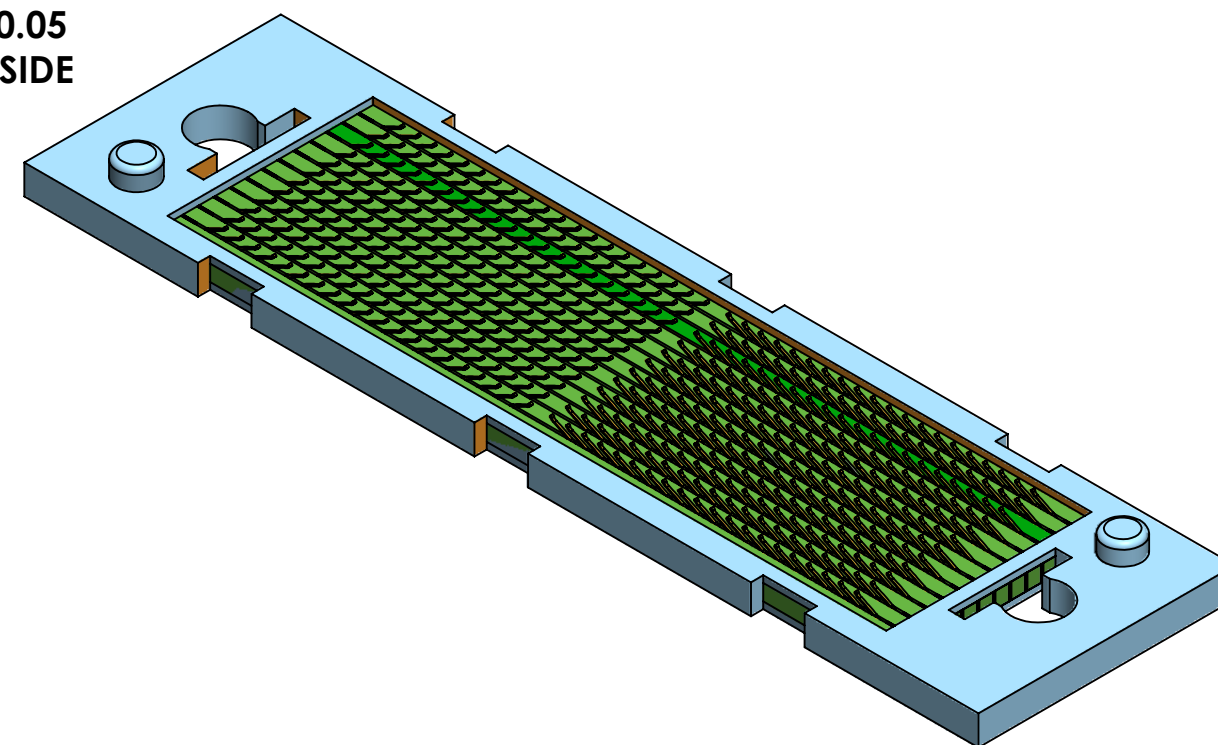
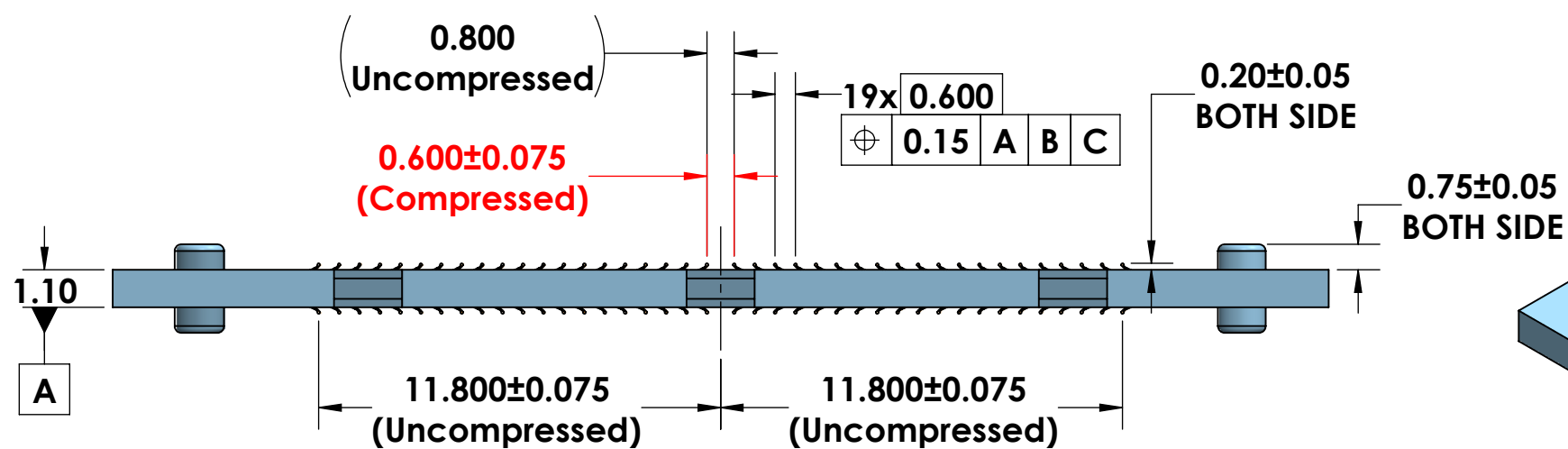
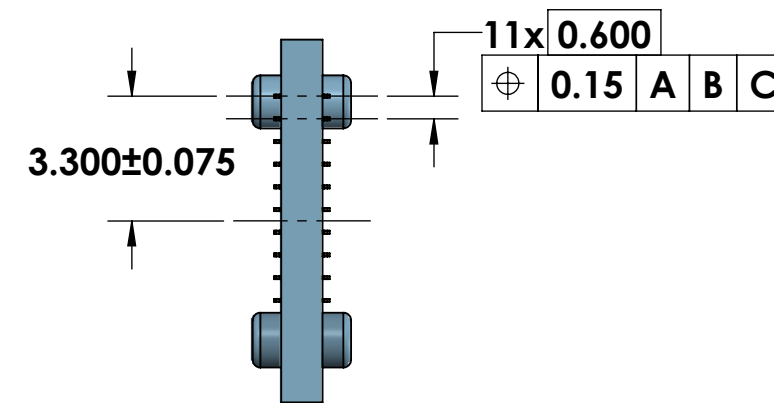
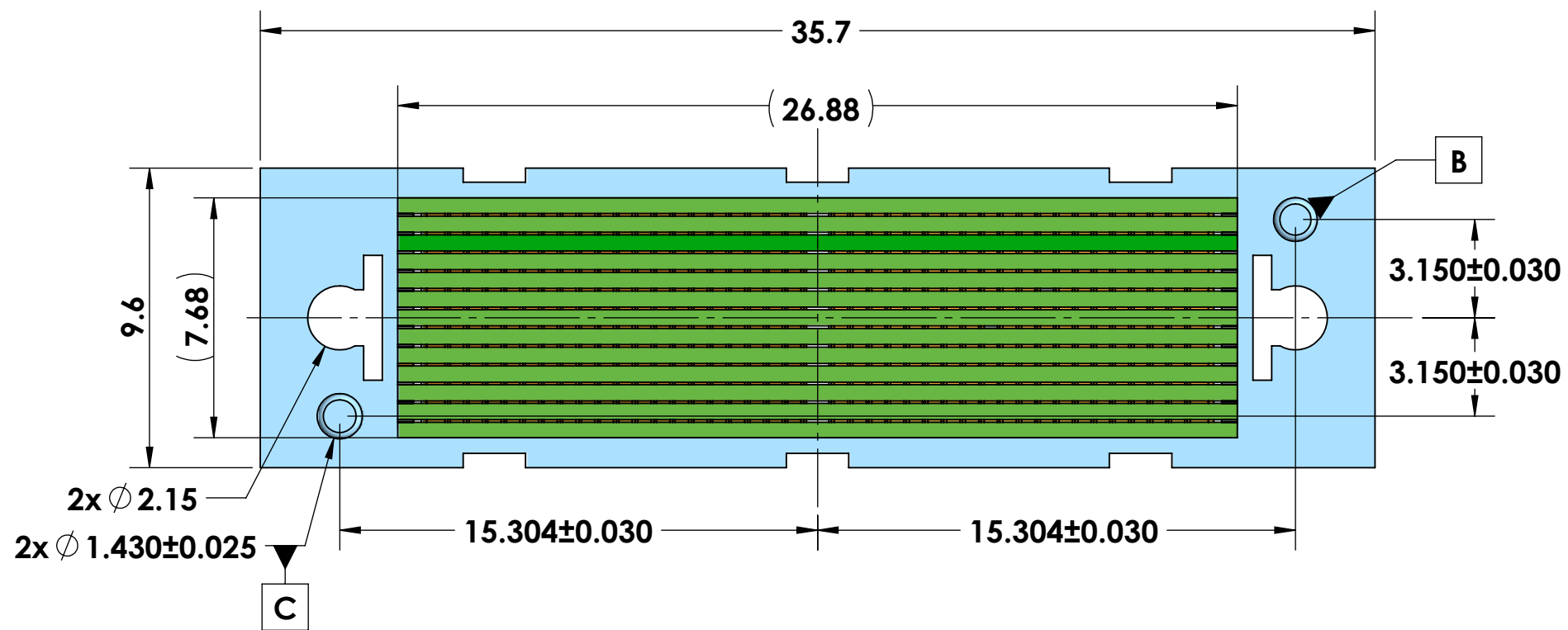


ITEM	DESCRIPTION	NEOCONIX P/N	QTY PER ASSY
1	M2 Flathead Screw	Various*	2
2	Top Stiffener	B01-000844	1
3	Top PCB	N/A Customer Supplied	1
4	Interposer	SPH3-MB480A	1
5	Bottom PCB	N/A Customer Supplied	1
6	Bottom Stiffener	B01-000845	1

*See **AS-000078** for various part number options based on assembly thickness stackup. All items ordered separately

<p>4020 MOORPARK AVENUE #108 SAN JOSE, CA 95117 USA TEL: 408-530-9393 FAX: 408-530-9383</p>	<p>DIMENSIONS ARE IN MM [INCH] .X ±0.13 .XX ±0.08 .XXX ±0.025 ANGLE: NO DEC ±2 DEGREE .X± .XX±</p> <p>THIRD ANGLE</p>	MATERIAL: SEE NOTES		TITLE: SPH3 ASSEMBLY 480 POS LGA-LGA		
		FINISH:	DRAWN BY: DH	04-08-2024	SIZE	DWG NUMBER:
		CHECKED BY: JianYu	04-08-2024	B+	SPH3-MB480A-ASY	REV 3
		ENGR APPR:	MFG APPR:	QA APPR:	SCALE: 5:1	SHEET 1 OF 4

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NOTES (UNLESS OTHERWISE SPECIFIED):

1. INTERPRET DRAWING PER ASME Y14.5M-1994.
2. HALOGEN-FREE PER IPC-4101B.
3. COMPLIANT WITH RoHS DIRECTIVE 2011/65/EU.

4. CENTER MARKS OF CONTACT POSITIONS ARE FOR UNCOMPRESSED STATE.

5. FRAME MATERIAL :LCP.

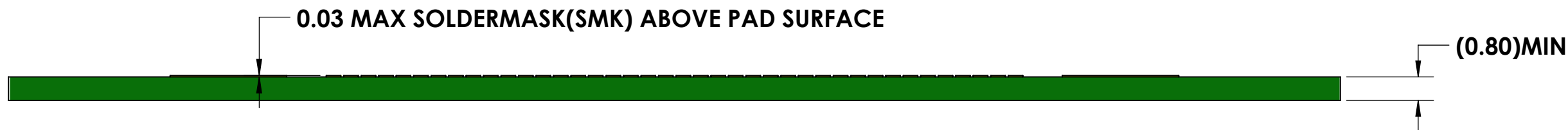
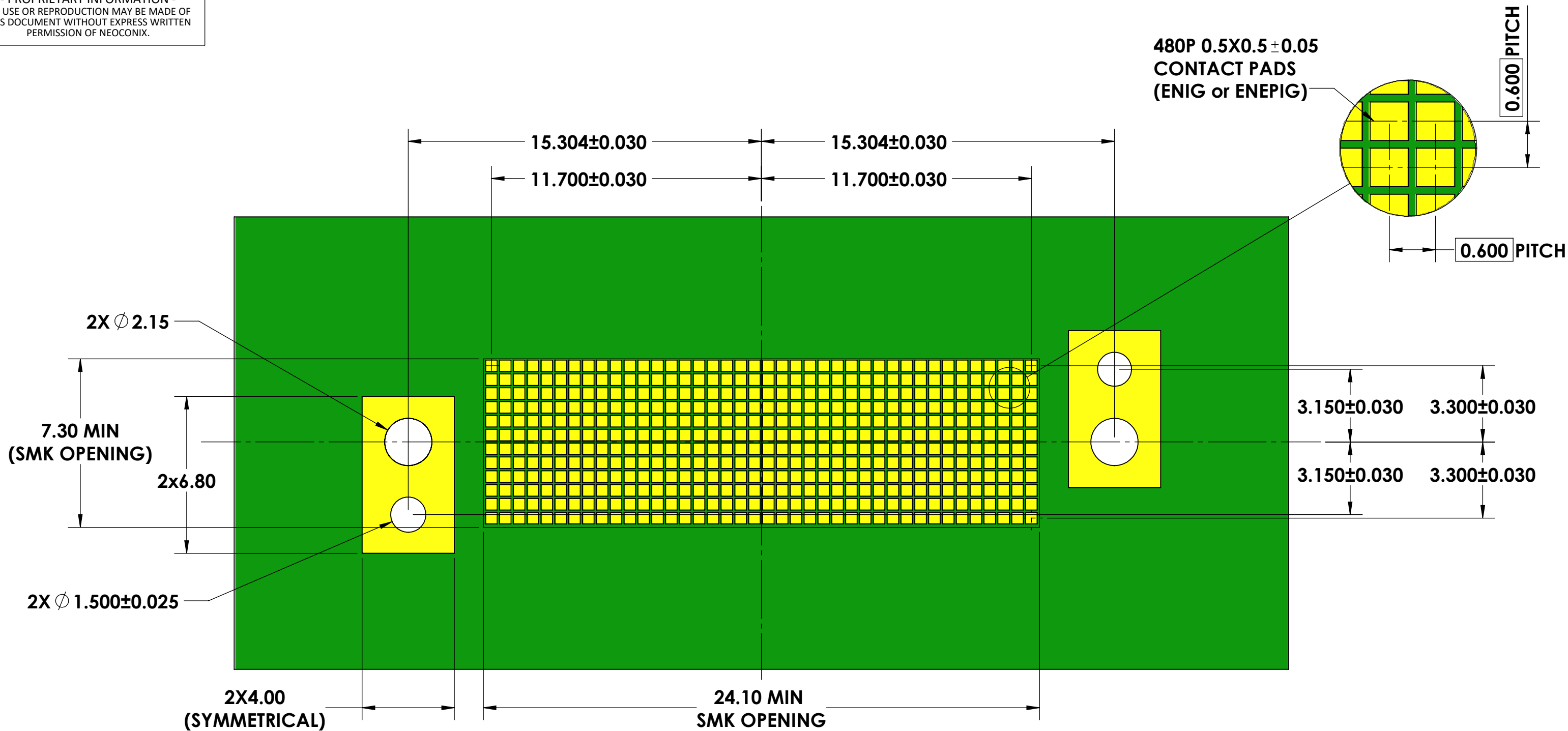
neconix
4020 MOORPARK AVENUE #108
SAN JOSE, CA 95117 USA
TEL: 408-530-9393 FAX: 408-530-9383

DIMENSIONS ARE IN
MM [INCH]
.X ± 0.13
.XX ± 0.08
.XXX ± 0.025
ANGLE: NO DEC ± 2 DEGREE
.X ±
.XX ±

MATERIAL: SEE NOTES
FINISH:
DRAWN BY: DH 04-08-2024
CHECKED BY: JianYu 04-08-2024
ENGR APPR:
MFG APPR:
QA APPR:

TITLE: SPH3 INTERPOSER
480 POS LGA-LGA
SIZE: B+
DWG NUMBER: SPH3-MB480A
REV: 3
SCALE: 5:1 SHEET 2 OF 4

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BOTTOM PCB

NOTES(UNLESS OTHERWISE SPECIFIED):

- IF THE VIA NEEDS TO BE LOCATED WITHIN THE 0.5X0.50 PAD , IT MUST BE FILLED, PLATED, AND PLANARIZED WITH 25UM MAX DIMPLE.
- SOLDERMASK APPLICATION IN THE ARRAY AREA IS OPTIONAL. IF APPLIED, IT SHALL NOT PROTRUDE MORE THAN 0.03MM ABOVE THE SURFACE OF THE MATING PADS.

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DIMENSIONS ARE IN
MM [INCH]
.X ±0.13
.XX ±0.08
.XXX ±0.025
ANGLE: NO DEC ± 2 DEGREE
.X ±
.XX ±

THIRD ANGLE

MATERIAL: **SEE NOTES**

FINISH:

DRAWN BY: **DH** 04-08-2024

CHECKED BY: **JianYu** 04-08-2024

ENGR APPR:

MFG APPR:

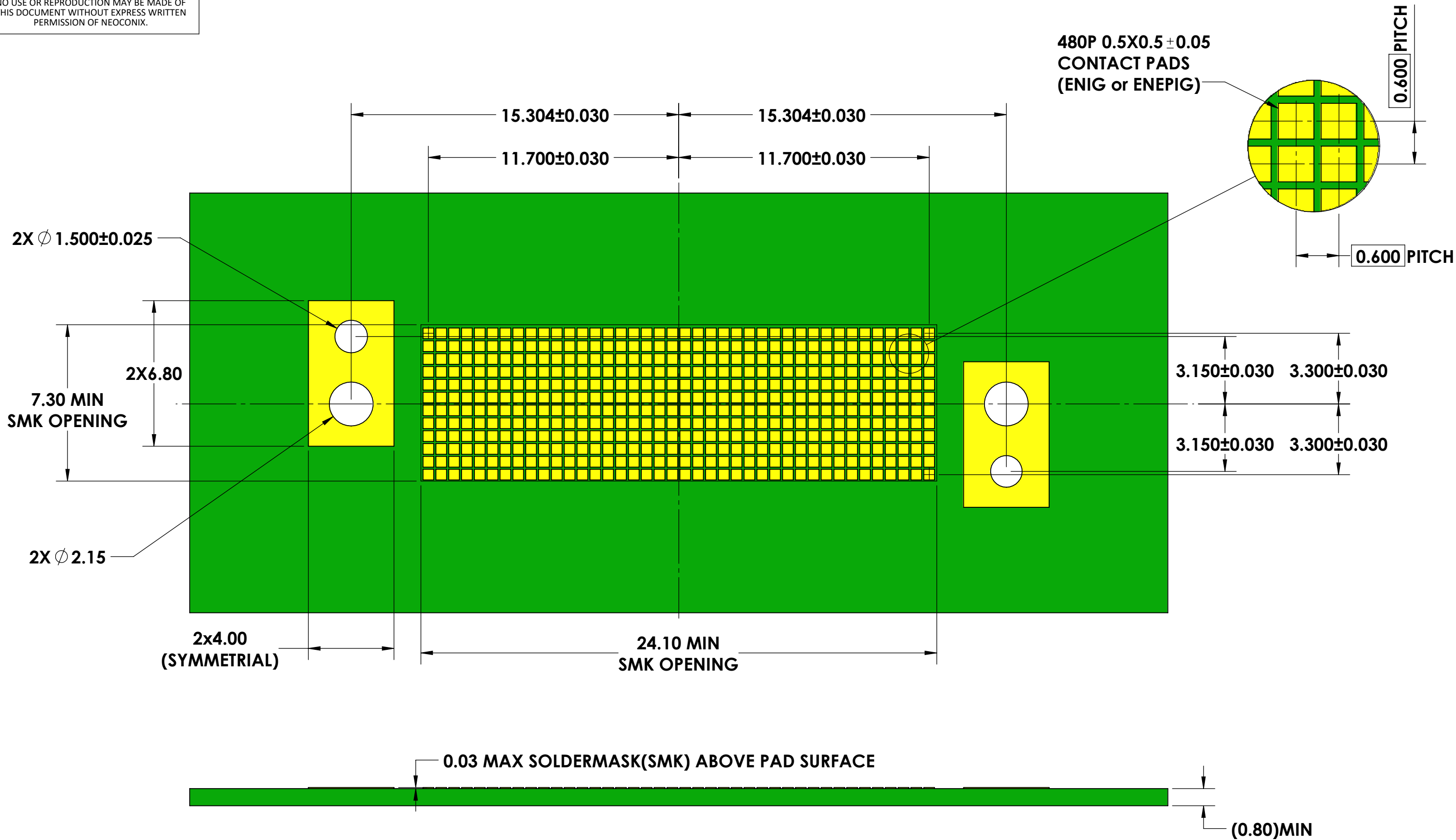
QA APPR:

TITLE: **RECOMMENDED PCB LAYOUT
SPH3-MB480A**

DWG NUMBER: **SPH3-MB480A-PCB** REV **3**

SCALE: 5:1 SHEET 3 OF 4

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TOP PCB

NOTES(UNLESS OTHERWISE SPEACIFIED):

- IF THE VIA NEEDS TO BE LOCATED WITHIN THE 0.5X0.50 PAD , IT MUST BE FILLED, PLATED, AND PLANARIZED WITH 25UM MAX DIMPLE.
- SOLDERMASK APPLICATION IN THE ARRAY AREA IS OPTIONAL. IF APPLIED, IT SHALL NOT PROTRUDE MORE THAN 0.03MM ABOVE THE SURFACE OF THE MATING PADS.

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SAN JOSE, CA 95117 USA
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DIMENSIONS ARE IN
MM [INCH]
.X ±0.13
.XX ±0.08
.XXX ±0.025
ANGLE: NO DEC ±2 DEGREE
.X ±
.XX ±

MATERIAL: **SEE NOTES**
FINISH:
DRAWN BY: **DH** 04-08-2024
CHECKED BY: **JianYu** 04-08-2024
ENGR APPR:
MFG APPR:
QA APPR:

TITLE: **RECOMMENDED PCB LAYOUT
SPH3-MB480A**
SIZE: **B+**
DWG NUMBER: **SPH3-MB480A-PCB** REV **3**
SCALE: 5:1 SHEET 4 OF 4